CLAIMS

WHAT IS CLAIMED IS:

1. A plasma display panel comprising:

a plurality of discharge electrodes arranged on an inner side of a front substrate provided on a side of a display surface, each of said discharge electrodes having a bus electrode and a transparent electrode connected to said bus electrode; and

shielding parts formed on said transparent electrode to shield incident light from exterior.

2. The plasma display panel according to claim 1, wherein said shielding parts are formed in conformity with portions where discharge-generated light has a low luminescent intensity.

3. The plasma display panel according to claim 2, comprising:

a rear substrate facing said front substrate, with a discharge space in between;

a plurality of address electrodes parallel to each other, and placed along said rear substrate in a direction orthogonal to said discharge electrodes;

ribs formed along spaces between said address electrodes; and

cells, which are units discharge-generated light are emitted in, are formed in regions each surrounded by said discharge electrodes neighboring each other and said ribs on both sides of one said address electrode, wherein

said cells each include said transparent electrode having a narrow projecting part projecting toward the center of the cell, and having opposing parts at a tip of said projecting part, lying along said discharge electrodes.

4. The plasma display panel according to claim 3, wherein said shielding parts are formed on said projecting parts.

5. The plasma display panel according to claim 3, wherein said shielding parts are

formed on said opposing parts, each of the shielding parts formed between said rib and the center of said opposing part.

6. The plasma display panel according to claim 3, wherein said shielding parts are formed on said opposing parts, at the sides closer to said bus electrodes.

7. The plasma display panel according to claim 1, wherein said shielding parts are formed of the same material as that of said bus electrodes.

8. The plasma display panel according to claim 7, wherein said shielding parts are formed integral with said bus electrodes.

9. The plasma display panel according to claim 1, wherein:

a plurality of cells, which are units discharge-generated light is emitted in, are formed along said discharge electrodes neighboring each other; and

said shielding parts formed respectively in said cells have different areas depending on the luminescent colors of said cells.

10. The plasma display panel according to claim 9, wherein:

said cells include blue cells for emitting blue light; and

said shielding part formed in each of said blue cells have an area smaller than areas of said shielding parts formed in other cells.

11. The plasma display panel according to claim 1, wherein:

a plurality of cells, which are units discharge-generated light is emitted in, are formed along said discharge electrodes neighboring each other; and

said cells include blue cells for emitting blue light;

said shielding part in each of said blue cells is formed in a position where it blocks discharge-generated visible light from radiating out to said exterior; and

said shielding parts in said cells other than said blue cells are formed in conformity with portions where discharge-generated light has a low luminescent intensity.

12. A plasma display panel comprising:

a plurality of discharge electrodes arranged on an inner side of a front substrate provided on a side of a display surface, each of said discharge electrodes having a bus electrode and a transparent electrode connected to said bus electrode, said discharge electrodes capable of discharging between neighboring electrodes on both sides; and

shielding parts formed along said front substrate to shield incident light from exterior.

13. The plasma display panel according to claim 12, wherein said shielding parts are formed in conformity with portions where discharge-generated light has a low luminescent intensity.

14. The plasma display panel according to claim 13, comprising:

a rear substrate facing said front substrate, with a discharge space in between;

a plurality of address electrodes parallel to each other, and placed along said rear substrate in a direction orthogonal to said discharge electrodes;

ribs formed along spaces between said address electrodes; and

cells, which are units discharge-generated light are emitted in, are formed in regions each surrounded by said discharge electrodes neighboring each other and said ribs on both sides of one said address electrode, wherein

said cells each include said transparent electrode having a narrow projecting part projecting toward the center of the cell, and having opposing parts at a tip of said projecting part, lying along said discharge electrodes.

15. The plasma display panel according to claim 14, wherein said shielding parts are formed on said projecting parts.

16. The plasma display panel according to claim 14, wherein said shielding parts are formed on said opposing parts, each of the shielding parts formed between said rib and the

center of said opposing part.

17. The plasma display panel according to claim 14, wherein said shielding parts are formed on said opposing parts, at the sides closer to said bus electrodes.

18. The plasma display panel according to claim 12, wherein said shielding parts are formed of the same material as that of said bus electrodes.

19. The plasma display panel according to claim 18, wherein said shielding parts are formed integral with said bus electrodes.

20. The plasma display panel according to claim 12, wherein:

a plurality of cells, which are units discharge-generated light is emitted in, are formed along said discharge electrodes neighboring each other; and

said shielding parts formed respectively in said cells have different areas depending on the luminescent colors of said cells.

21. The plasma display panel according to claim 20, wherein:

said cells include blue cells for emitting blue light; and

said shielding part formed in each of said blue cells have an area smaller than areas of said shielding parts formed in other cells.

22. The plasma display panel according to claim 12, wherein:

a plurality of cells, which are units discharge-generated light is emitted in, are formed along said discharge electrodes neighboring each other; and

said cells include blue cells for emitting blue light;

said shielding part in each of said blue cells is formed in a position where it blocks discharge-generated visible light from radiating out to said exterior; and

said shielding parts in said cells other than said blue cells are formed in conformity with portions where discharge-generated light has a low luminescent intensity.